

From glowbugs@theporch.com Sun Dec 15 10:47:10 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1])
by uro.theporch.com (8.8.4/AUX-3.1.1)
with SMTP id KAA01558;
Sun, 15 Dec 1996 10:41:46 -0600 (CST)
Date: Sun, 15 Dec 1996 10:41:46 -0600 (CST)
Message-Id: <199612151641.KAA01558@uro.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 383
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 383

Topics covered in this issue include:

- 1) Re: Powerstat
by Doug <doug@sunrise.alpinet.net>
- 2) Heathkit Stuff Wanted
by Bob Marsh <bmarsh@hicom.net>
- 3) Re: Powerstat
by Arthur Moe <kb7ww@aracnet.com>
- 4) Re: 1S4 QRP rig?
by LNaumann@aol.com
- 5) Re: 1S4 QRP rig?
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 6) Regen rcvr articles
by "Brian Carling" <bry@mail1.mnsinc.com>
- 7) Re: Heathkit Stuff Wanted
by Jake Hellbach <kk5hy@accesscom.net>

Date: Sat, 14 Dec 1996 13:14:36 -0700
From: Doug <doug@sunrise.alpinet.net>
To: glowbugs@theporch.com
Subject: Re: Powerstat
Message-ID: <32B30AAC.39E5@alpinet.net>

HI Folks...I've worked with 3 phase Powerstats...this dosent sound like

one. Normally, a 3 phase unit has three separate variable transformers on a common shaft. This one you have sounds like a single phase, variable auto-transformer, good for a bench or whatever you need to use it for. I've been using one in my screen supply for my 4-1000A amp, (how's THAT one for a Glowbug?). These are one of the handy little dodads we find that lots of Hams don't recognize...great to have around.

If you are of a mind to test transformers, a cheap and sneaky way to do that is to put a 150 watt light bulb in series with the primary, then using an AC voltmeter, measure the voltage across the primary terminals. Write that one down, then measure the voltage across the secondary (ies), write that down. Do a little math, figure out the turns ratio using the proportional voltages you've found. Then, just plug in the ratios for 120v on the primary and work out the secondary voltage...easy enough and saves the danger of working with High voltage potentials across the secondary. Also, the relative brightness of the bulb will help make you either confident or suspicious of the possibility of a shorted turn in the transformer, before you hook it up to full voltage and find out the hard way. I've had shorted windings blow up on the bench, even catch fire...not a good way to start a project.

Hope that helps a bit...at any rate, be careful with unknown transformers, they can really cause things to get crazy in a hurry. If one has been sitting out where moisture can work into the windings, it pays to heat it a bit in an oven for 3-4 hours at 130-140 degrees. That takes time, but might save a needed transformer from becoming a doorstop.

73 and have fun

Doug, K7YD

Date: Sat, 14 Dec 1996 16:09:13 -0500
From: Bob Marsh <bmarsh@hicom.net>
To: Boatanchors List server <boatanchors@theporch.com>,
Subject: Heathkit Stuff Wanted
Message-ID: <32B31779.28D6@hicom.net>

Hi everyone,

I finally got my HW-16 finished, and the SB-301/401 is well on the way to being complete. Thanks to everyone who provided advice, information and the occasional pep talk. With your help, I'm actually starting to understand what goes on inside my radios. That was an unattainable goal only 6 short months ago. (You know, this stuff really IS addictive!)

I'd like to get some information on these rigs for a history file I'm putting together on each piece. I'm interested in cut sheets, advertisements and possibly catalogs or other books on Heathkit gear.

Also, I would like to locate a Heathkit Keyer/Paddle combo, station accessories, test equipment and possibly an HW-101 for my next project. I'd like to put together a collection of Heathkits that's representative of the era. If you have anything, please Email me.

Finally, does anyone know if there's a Heathkit listserver or any WWW sites dedicated to Heathkit Amateur Gear?

Thanks again to all, and I hope you have a great Holiday.

73 de Bob/KB2SGM

Date: Sat, 14 Dec 1996 14:29:31 -0800
From: Arthur Moe <kb7ww@aracnet.com>
To: glowbugs@theporch.com
Subject: Re: Powerstat
Message-ID: <199612142229.0AA04030@trapdoor.aracnet.com>

Don't forget you can take a 3 phase and make 3 single units out of it or leave 2 on the common shaft and put one in each side of a 220 line

At 02:15 PM 14/12/96 -0600, you wrote:
>HI Folks...I've worked with 3 phase Powerstats...this dosent sound like
>one. Normally, a 3 phase unit has three separate variable transformers
>on a common shaft.

..-.-

AT THE END OF THE OREGON TRAIL

Arthur Moe	ARRL - Life
A.R.S. KB7WW	SMIRK #733
QTH: Oregon City, Or.	QRP ARCI
kb7ww@aracnet.com	QRP-1 #290

Date: Sat, 14 Dec 1996 18:07:45 -0500
From: LNaumann@aol.com

To: glowbugs@theporch.com
Subject: Re: 1S4 QRP rig?
Message-ID: <961214180745_67676547@emout07.mail.aol.com>

In a message dated 96-12-14 15:49:36 EST, you write:

> What is the URL to G3YCC's pages?
> Thanks, I want to try this 1S4 rig!

The address of G3YCC's page is
<http://homepages.enterprise.net/g3ycc/temp.html>
then go to HOMEBREWERS CORNER
then to GREAT NEW ADDITIONS
then to CIGAR BOX VALVE RIG

--73's--

LARRY NAUMANN AA0DM
ST. LOUIS, MO

Date: Sat, 14 Dec 1996 17:57:33 -0600
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: glowbugs@theporch.com
Subject: Re: 1S4 QRP rig?
Message-ID: <3.0.32.19961214175728.006b014c@postoffice.worldnet.att.net>

At 11:09 PM 12/14/96 +0000, you wrote:

>In a message dated 96-12-14 15:49:36 EST, you write:

>
>> What is the URL to G3YCC's pages?
>> Thanks, I want to try this 1S4 rig!

>
>The address of G3YCC's page is
> <http://homepages.enterprise.net/g3ycc/temp.html>
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>
>--73's--

>
>LARRY NAUMANN AA0DM
>ST. LOUIS, MO
>

WOW what a rig! 4 bands. Choice of 1S4, 1T4 tubes or if you have the english ones

they are DL91, DL92, DL96.

I'm going to build this rig soon! I've got the 1S4 or 1T4 battery tubes needed.

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Sat, 14 Dec 1996 18:46:59 +0000

From: "Brian Carling" <bry@mail1.mnsinc.com>

To: jkh@lexis-nexis.com

Subject: Regen rcvr articles

Message-ID: <199612150242.VAA18184@user2.mnsinc.com>

Hello John,

In case I forgot to do so a couple of weeks ago, I would just like to say "THANK YOU!"

Thngs have been a little hectic here and I am trying to catch up on some correspondence.

I have never succeeded in building a TRF or REGEN receiver.

30 years ago I tried to build one using 4 or 5 EF50 tubes and I never got it to play so tat discourage dme from building receivers.

However, I did have a lot of success building CW and AM transmitters so that is more or less what I concentrate on nowadays, but who knows, maybe the REGEN bug will bite me!

That design with the 3S4 tubes sure looks easy to get going!

If I run across some more articles I will pass along copies to you..

It has been great reading about the older regen receivers and my friend Roy Morgan, K1LKY has a couple of old regen BA receivers that he has been threatening to let me try out over at his shack some time soon. The only regen that I REMEMBER operating was a British kit-built Conar receiver years ago, and it was pretty touchy best that I remember... but there may have been some others. Just a LONG time ago!!

73 - Bry

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *

** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** <http://www.mnsinc.com/bry/> *

Date: Sun, 15 Dec 96 09:27 CST
From: Jake Hellbach <kk5hy@accesscom.net>
To: bmarsh@hicom.net
Cc: glowbugs@theporch.com
Subject: Re: Heathkit Stuff Wanted
Message-ID: <2.2.16.19961215092228.38b72178@accesscom.net>

Hi Bob,
Look in my Web page in the "Boatanchors" section from the main menu. I have
a link to a site that is dedicated to Heathkit.
<http://www.accesscom.net/~kk5hy>

Hope this helps.

73' and happy holidays,
Jake KK5HY

At 03:10 PM 12/14/96 -0600, you wrote:

>Hi everyone,

>

>I finally got my HW-16 finished, and the SB-301/401 is well on the way
>to being complete. Thanks to everyone who provided advice, information
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>Finally, does anyone know if there's a Heathkit listserver or any WWW
>sites dedicated to Heathkit Amateur Gear?

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>Thanks again to all, and I hope you have a great Holiday.

>

>73 de Bob/KB2SGM

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Email via: kk5hy@accesscom.net

A.M. International #832

Check out the Westside ARC Web page at:

<http://www.accesscom.net/~kk5hy>

Now updated with boatanchor links!!!!

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End of GLOWBUGS Digest 383
